

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-21 (Canceled).

Claim 22 (Previously Presented): A method for wireless data transfer between a first multimedia device and a second multimedia device, which first multimedia device and second multimedia device are connected via a point-to-point wireless connection that is operable according to a first wireless standard and to a second wireless standard, which first wireless standard and second wireless standard are different from and/or not compatible with each other, said method comprising:

an application data receiving in which application commands, application parameters, and application data of the first wireless standard are received by the first multimedia device from an application of the first multimedia device;

a connection layer processing in which the application commands, application parameters, and application data are processed by the first multimedia device to obtain respective connection commands, connection parameters, and connection data of the first wireless standard;

a choosing in which at least one of the first wireless standard and the second wireless standard is chosen as a chosen wireless standard by the first multimedia device;

an adaptation layer processing in which, if the chosen wireless standard is different from a currently applied wireless standard, a standard conversion is performed, wherein the connection commands, connection parameters, and connection data are converted into respective processed connection commands, processed connection parameters, and processed connection data of the chosen wireless standard; and

a sending in which the processed connection commands processed connection parameters and processed connection data are sent out by the first multimedia device via the wireless connection according to the chosen wireless standard.

Claim 23 (Previously Presented): A method for wireless data transfer between a first multimedia device and a second multimedia device, which first multimedia device and second multimedia device are connected via a point-to-point wireless connection that is operable according to a first wireless standard and to a second wireless standard, which first wireless standard and second wireless standard are different from and/or not compatible with each other, said method comprising:

a transmission data receiving in which transmitted wireless data are received by the second multimedia device, which transmitted wireless data having been transmitted via the wireless connection according to a chosen wireless standard that is at least one of the first wireless standard and the second wireless standard;

an adaptation layer processing in which, if the chosen wireless standard is different from a currently applied first wireless standard, a standard conversion is performed by the second multimedia device, wherein the transmitted wireless data are processed to obtain connection commands, connection parameters, and connection data of the chosen wireless standard;

a connection layer processing in which the connection commands, connection parameters, and connection data of the application wireless standard are converted into respective application commands, application parameters, and application data of the chosen wireless standard; and

an application data processing executed by the second multimedia device, wherein the application commands, application parameters, and application data are provided to an application of the first multimedia device.

Claim 24 (Previously Presented): A method according to claim 22, wherein a switching of the currently applied wireless standard to the chosen standard, the chosen wireless standard being at least one of [[from]] the first wireless standard [[to]] and the second wireless standard is performed by:

opening a new [[and]] temporary additional wireless connection between the first multimedia device and the second multimedia device, the new temporary wireless connection operating according to the chosen second wireless standard; and [[,]]

terminating the currently applied wireless standard based on a determination of a need for the currently applied wireless standard choosing the second wireless standard as the chosen wireless standard, and operating the new wireless connection as the wireless connection.

Claim 25 (Previously Presented): A method according to claim 22, wherein the method for wireless data transfer realizes a point-to-point connection between the first multimedia device and the second multimedia device.

Claim 26 (Previously Presented): A method according to claim 22, wherein the adaptation layer processing is performed within an adaptation layer.

Claim 27 (Canceled).

Claim 28 (Previously Presented): A method according to claim 22, wherein the chosen wireless standard is chosen depending on properties of the wireless connection, a distance between the first multimedia device and the second multimedia device, and/or depending on direct requests from the application.

Claim 29 (Previously Presented): A method according to claim 22, wherein the chosen wireless standard is chosen depending on a battery condition of the first multimedia device and/or depending on a battery condition of the second multimedia device.

Claim 30 (Previously Presented): A method according to claim 28, wherein the properties of the wireless connection comprise signal strength, quality of service, and energy efficiency.

Claim 31 (Previously Presented): A method according to claim 28, wherein the distance between the first multimedia device and the second multimedia device is determined based on positioning system data.

Claim 32 (Previously Presented): A method according to claim 28, wherein the choosing of the chosen wireless standard is performed by a management unit.

Claim 33 (Previously Presented): A method according to claim 22, wherein the first multimedia device is a video camcorder and the second multimedia device is a data processing means.

Claim 34 (Previously Presented): A method according to claim 33, wherein the data processing means is a personal computer, a notebook, a video recorder, a television set, a personal digital assistant, a portable phone, a stereo headphone, and/or a mobile video viewer.

Claim 35 (Previously Presented): A method according to claim 30, wherein the management unit informs the application which chosen wireless standard is chosen and the application adjusts a bit rate of the application data depending on the chosen wireless standard.

Claim 36 (Previously Presented): A method according to claim 22, wherein the first wireless standard and the second wireless standard are any of the following standards: IEEE 802.11a, IEEE 802.11b, Bluetooth (BT), ZigBee, or IEEE 802.15.3; and the connection commands, connection parameters, and/or connection data correspond to any of the following standards: UDP/TCP, Bluetooth (BT).

Claim 37 (Previously Presented): A wireless data transfer system which is capable of and/or has means for performing or realizing a method for wireless data transfer according to claim 22.

Claim 38 (Previously Presented): A computer program product comprising computer program means adapted to perform and/or to realize a method for wireless data transfer according to claim 22, when the method is executed on a computer or a digital signal processing means.

Claim 39 (Previously Presented): A computer-readable storage medium comprising a computer program product according to claim 38.

Claim 40 (Previously Presented): A multimedia device connected with a further multimedia device via a point-to-point wireless connection that is operable according to a first wireless standard and to a second wireless standard, which first wireless standard and second wireless standard are different from and/or not compatible with each other, the multimedia device comprising:

a connection layer configured to receive application commands, application parameters, and application data of the first wireless standard from an application layer, and further configured to process the application commands, application parameters, and application data, thus generating respective connection commands, connection parameters, and connection data of the first wireless standard;

a managing unit configured to set at least one of the first wireless standard and the second wireless standard as a chosen wireless standard depending on at least one of signal strength, quality of service of the wireless connection, a distance between the multimedia device and the further multimedia device, and/or depending on a direct request from the application;

an adaptation layer configured to, if the managing unit changes from the first wireless standard into the second wireless standard or vice versa, perform a standard conversion, wherein the connection commands, connection parameters, and connection data are converted into respective processed connection commands, processed connection parameters, and processed connection data of the chosen wireless standard; and

a sending unit configured to send out the processed connection commands, processed connection parameters, and processed connection data via the wireless connection according to the chosen wireless standard.

Claim 41 (Canceled).

Claim 42 (Previously Presented): Multimedia device according to claim 40, wherein the multimedia device is a video camcorder, personal computer, notebook, video recorder, television set, personal digital assistant, or a portable phone.

Claim 43 (New): The method according to claim 23, further comprising:
opening a new temporary wireless connection between said first multimedia device and said second multimedia device, the new temporary wireless connection operating according to said chosen wireless standard; and
terminating the currently applied wireless standard based on a determination of a need for the currently applied wireless standard.

Claim 44 (New): The multimedia device according to claim 40, wherein the adaptation layer is configured to
open a new temporary wireless connection between said first multimedia device and said second multimedia device, the new temporary wireless connection operating according to said chosen wireless standard; and
terminate the currently applied wireless standard based on a determination of a need for the currently applied wireless standard.